## , INTERNATIONAL SEARCH REPORT

GB 03/053337 4 2 4

A. CLASSIFICATION OF SUBJECT IPC 7 A62B35/04

Rec' 270 01 AUG 2005

According to International Patent Classification (IPC) or to both national classification and IPC

## **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A62B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 488 118 B1 (CORRIVEAU JOHN A) 3 December 2002 (2002-12-03) abstract; figures 1-4	1,3-5
Α	US 5 979 599 A (NOLES LARRY J) 9 November 1999 (1999-11-09) abstract; figure 9	2,6-10
A	US 304 730 A (W. F. HIGH) 9 September 1884 (1884-09-09) the whole document	11-15
A	US 5 279 385 A (RICHES DAVID ET AL) 18 January 1994 (1994-01-18) figure 10/	

X Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of the actual completion of the international search  18 March 2004	Date of mailing of the international search report  29/03/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	van Bilderbeek, H.

## INTERNATIONAL SEARCH REPORT

Intentional Application No VGB 03/05313

C.(Continu	ation) DOCUMENTS O DERED TO BE RELEVANT	GB 03	3/05313
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	US 3 601 348 A (GONSALVES GEORGE E ET AL) 24 August 1971 (1971-08-24) figure 1		
4	EP 0 608 164 A (PROTECTA INT SA) 27 July 1994 (1994-07-27) figures 6,7		
		·	
	•		
		·	
	(continuation of second sheet) (July 1992)		

## INTERNATIONAL SEARCH REPORT

Inguicational	Application No
F GB	03/05313

						GD	03/05313
	atent document d in search report		Publication date		Patent family member(s)		Publication date
US	6488118	B1	03-12-2002	NONE			<u> </u>
US	5979599	Α	09-11-1999	AU	724512	B2	21-09-2000
				AU	5461498	Α	15-07-1998
				CA	2274642		25-06-1998
				EP	1007158		14-06-2000
				NZ	336367		24-11-2000
~			·	WO	9826842	A1	25-06-1998
US	304730	Α		NONE			
US	5279385	Α	18-01-1994	AT	141812	T	15-09-1996
		•		AU	647279	<b>B2</b>	17-03-1994
				UΑ	1756092		30-12-1992
				CA	2085600		22-11-1992
				DE	69213232		02-10-1996
				DE	69213232		06-03-1997
				EP	0585268		09-03-1994
				FI	930090		11-01-1993
				WO	9220407		26-11-1992
				GB	2256002		25-11-1992
				HK JP		A	01-11-1996
				NO	6500041	T	06-01-1994
				NZ	930186 242811		20~01~1993
-				ZA	9203644		26-10-1994
					9203044 	A 	26-04-1993
US 	3601348	A 	24-08-1971 	NONE			
ΕP	0608164	Α	27-07-1994	FR	2700799		29-07-1994
				AT	151302		15-04-1997
				DE	69402442		15-05-1997
				DE	69402442		06-11-1997
				EP	0608164	A1	27~07-1994